

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Amended) A printing unit cylinder for a rotary printing machine, said printing unit cylinder being a transfer cylinder for receiving a rubber blanket in which localized temperature differences occur, said printing unit cylinder comprising a body having a barrel as a centerpiece and two journals, a respective one of the journals being on each end of the barrel; the entire barrel being made completely of a metallic material having a linear coefficient of expansion of about $\alpha < 5 \times 10^{-6} \text{K}^{-1}$ in a temperature range of from about 20° to about 60°.

2. (original) A printing unit cylinder for a rotary printing machine according to claim 1, wherein said metallic material has a linear coefficient of expansion of about $\alpha < 1.5 \times 10^{-6} \text{K}^{-1}$ in a temperature range of from about 20° to about 60°.

3. (original) The printing unit cylinder as claimed in claim 1, wherein said metallic material is an iron alloy having about 30% to about 40% nickel by weight.

4. (original) The printing unit cylinder as claimed in claim 3, wherein said metallic material is an iron alloy having about 36% nickel by weight.

5. (original) The printing unit cylinder according to claim 1, wherein the entire cylinder is made of said metallic material.

6. (canceled)

7. (original) The printing unit cylinder according to claim 3, wherein the entire cylinder is made of said iron alloy.

8. (original) The printing unit cylinder according to claim 4, wherein the entire cylinder is made of said iron alloy.

9.-12. (canceled)
